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U.S. PATENT & TRADEMARK OFFICE
(Rev. 5/92)

Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: KCX-839 (18971)	Serial Number: 10/687,270
	Applicant:	MacDonald et al.
	Filing Date: October 16, 2003	Group Art Unit: 3735
	Confirmation No: 9987	

NOTE: If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]

- (1) This item is cumulative, per Rule 98(c)
- (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:
USSN _____ filed _____, or
USSN _____, filed _____;
- (3) Relied on under 35 U.S.C. Section 120, per Rule 98(d)
- (4) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, or readily available
- (5) Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER								ISSUE DATE	COPY NOTE
/BN/	Catt et al.	5	4	6	7	7	7	8		11/21/1995	5
	Coley et al.	5	6	5	7	7	6	2		08/19/1997	5
	Anapliotis	6	1	2	3	6	7	6		09/26/2000	5
	Catt et al.	6	2	3	4	9	7	4		05/22/2001	5
	Catt et al.	6	4	0	3	3	8	0		06/11/2002	5
	Catt et al.	6	4	5	1	6	1	9		09/17/2002	5
	Catt et al.	6	4	5	4	7	2	6		09/24/2002	5
	Coley et al.	6	5	8	5	6	6	3		07/01/2003	5
	Catt et al.	6	9	2	7	0	6	4		08/09/2005	5
/BN/											

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER								PUBLICATION DATE	COPY NOTE
/BN/	Kaga et al.	2002	0	1	1	1	5	6	1	A1	08/15/2002
	Coley et al.	2004	0	2	3	5	1	8	3	A1	11/25/2004
	Coley et al.	2005	0	1	3	0	3	1	1	A1	06/16/2005
	Catt et al.	2005	0	1	7	1	4	5	4	A1	08/04/2005
	Williams	2005	0	1	9	6	8	1	2	A1	09/08/2005
/BN/											

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	TRANSLATION			COPY NOTE
				YES	NO	N/A	

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EXAMINER INITIALS	OTHER DOCUMENTS	COPY NOTE
/BN/	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication Albrecht, B.H., Fernando, R.S., Regas, J., Betz, G., (1985), "A new method for predicting and confirming ovulation." <i>Fertility and Sterility</i> , 44(2), 200-5.	
/BN/	Antuni, J.D., Kharitonov, S.A., Hughes, D., Hodson, M.E., Barnes, P.J., (2000), "Increase in exhaled carbon dioxide during exacerbations of cystic fibrosis" <i>Thorax</i> , 55, 138-142	

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/BN/	Article – <i>Standard Practice for Obtaining Spectrometric Data for Object-Color Evaluation</i> , Published by ASTM International, Designation: E 1164-02 1203		
/BN/	Bischoff, R., Moenke-Wedler, T., Bischoff, G., (2000), "On-line detection of volatile compounds in human breath", <i>4th European Congress of Oto-Rhino Laryngology, head and neck surgery</i> , pp1369-1375		
/BN/	Diskin, A.M., Spanel, P., Smith, D., (2003), "Increase of acetone and ammonia in urine headspace and breath during ovulation quantified using selected ion tube mass spectrometry" <i>Physiological Measurement</i> , 24 , 191-199		
/BN/	Felton, M.J., (2004), "Sniffing Sinusitis" <i>Today's Chemist At Work</i> , June 2004 (http://www.tcaawonline.org)		
/BN/	Horvath, I., Loukides, S., Wodehouse, T., et al, (1998), " Increased levels of exhaled carbon monoxide in bronchiectasis, a new marker of oxidative stress", <i>Thorax</i> , 53 , 867-870		
/BN/	Ito, S., Kohli, Y., Kato, T., Abe, Y., Ueda, T. (1994), "Significance of ammonia produced by <i>helicobacter pylori</i> " <i>European Journal of Gastroenterology & Hepatology</i> , 6 , 167-174.		
/BN/	Lemoine, M., Van Gossum, A., Kurian, R., Ostro, M., Axler, J., Jeejeebhoy, K.N., (1987), "Breath pentane analysis as an index of lipid peroxidation, a functional test of vitamin E status" <i>American Journal of Clinical Nutrition</i> , 46 , 267-272		
/BN/	Loweit, K., Hoppichler, F., Ledermüller, G., (1990), "Ovulation prediction from cyclic changes in salivary electrical conductivity." <i>American Journal of Obstetrics and Gynecology</i> , 163 (2), 708-710.		
/BN/	Megraud, F. et al., (2005), "Comparison of non-invasive tests to detect <i>helicobacter pylori</i> infection in children and adolescents, results of a multicenter European study" <i>Journal of Pediatrics</i> , 146 , 198-203		
/BN/	Philips, M., Greenburg, J., (1992), "Ion-trap detection of volatile organic compounds in alveolar breath" <i>Clinical Chemistry</i> , 38 , 60-65		
/BN/	Prout, R.E., et al, (1970) <i>A Relationship Between Human Oral Bacteria and the Menstrual Cycle.</i> , <i>The Journal of Periodontology</i> , pp 30-33		
/BN/	Rea, J., Williams, D., (2002), "Shaping exhale durations for breath CO detection for men with mild mental retardation" <i>Journal of Applied Behavior Analysis</i> , 35 , 415-418		
/BN/	Queiroz, C.S., Hayacibara, M.F., Tabchoury, C.P., Marcondes, F.K., Cury, J.A., (2002), "Relationship between stressful situations, salivary flow rate and oral volatile sulfur-containing compounds" <i>European Journal of Oral Sciences</i> , 110 , 337-340		
/BN/	Sehnert, S.S., Jiang, L., Burdick, J.F., Risby, T.H., (2002), "Breath biomarkers for detection of human liver diseases, preliminary study" <i>Biomarkers</i> , 7 , 174-187		
/BN/	Skelley, D.S., (2000), "E-nose technologies promise new diagnostic instruments" <i>IVD Technology</i> , January-February issue		
/BN/	Springfield, J.R., Levitt, M.D., (1994), "Pitfalls in the use of breath pentane measurements to assess lipid peroxidation" <i>Journal of Lipid Research</i> , 35 , 1497-1504		
/BN/	Tonzetich, J., Preti, G., Huggins, G.R., (1978A), "Changes in Concentration of Volatile Sulfur Compounds of Mouth Air during the Menstrual Cycle" <i>Journal of International Medical Research</i> , 6 , 245-254		
/BN/	Tonzetich, J., (1978B), "Oral malodour: an indicator of health status and oral cleanliness" <i>International Dental Journal</i> , 28 , 309-19		
/BN/	de Winder-de Groot, K.M., van der Ent, C.K., Prins, I., Tersmette, J.M., Uiterwaal, C.S.P.M., (2005), "Exhaled nitric oxide, the missing link between asthma and obesity" <i>Journal of Allergy and Clinical Immunology</i> , 115 , 419-420		

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		Filing Date: October 16, 2003 Confirmation No: 9987	Group Art Unit: 3735

/BN/	Yamaya, M., Sekizawa, K., Ishizuka, S., et al, (1998), "Increased carbon monoxide in exhaled air of subjects with upper respiratory tract infections", <i>Journal of Respiratory Critical Care Medicine</i> , 158 , 311-314		
/BN/	Zayasu, K., Sekizawa, K., Okinaga, S. et al, (1997), "Increased carbon monoxide in exhaled air of asthmatic patients", <i>Journal of Respiratory Critical Care Medicine</i> , 156 , 1140-1143		
EXAMINER /Robert Nasser/		DATE CONSIDERED	09/17/2007
Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.			

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Relied on under 35 U.S.C. Section 120, per Rule 98(d)

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS /BN/	PATENTEE NAME	PATENT NUMBER								ISSUE DATE	COPY NOTE
	Auchincloss	4	7	7	7	0	1	8		10/11/1988	5
	Bäther	4	8	4	4	8	6	7		07/04/1989	5
	Hamilton	4	9	4	7	8	6	1		08/14/1990	5
	Grigor et al.	5	8	3	3	9	5	2		11/10/1998	5
	D'Angelo et al.	5	9	8	9	8	4	0		11/23/1999	5
	Marshall	6	2	2	8	6	0	5		05/08/2001	5
	Ito et al.	6	3	1	2	9	1	8		11/06/2001	5
	Brinton et al.	6	3	9	1	2	6	2		05/21/2002	5
	Duan et al.	6	4	0	6	6	6	9		06/18/2002	5
	Marshall	6	4	7	9	2	7	8		11/12/2002	5
	Ratcliff et al.	6	5	0	9	1	6	9		01/21/2003	5
	Freadman et al.	6	5	8	9	7	6	1		07/08/2003	5
	Springer et al.	6	6	1	7	4	8	8		09/09/2003	5
	Ignacio et al.	6	7	0	6	5	3	7		03/16/2004	5
	Scaringe et al.	6	8	2	5	0	4	0		11/30/2004	5
	Hubbard et al.	7	0	1	4	6	1	2		03/21/2006	5
	Melker et al.	7	0	5	2	8	5	4		05/30/2006	5
/BN/	Braun	7	1	0	1	3	4	0		09/05/2006	5

U.S. PATENT APPLICATION PUBLICATIONS

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	Polak et al. 2002	0	1	8	2	6	5	8	A1	12/05/2002	5
	Patel 2003	0	2	1	1	6	1	8	A1	11/13/2003	5
	Boga et al. 2005	0	1	9	1	7	0	4	A1	09/01/2005	5
	Boga et al. 2005	0	1	2	4	0	7	2	A1	06/09/2005	5
/BN/	Song et al. 2006	0	0	0	3	3	3	6	A1	01/05/2006	5

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE
	Davis	R	E	3	0	7	9	7	11/17/1981	5
	Davis	R	E	3	0	8	0	3	11/24/1981	5
	Tratnyek	4	4	0	7	9	6	0	10/04/1983	5
	Aoyama, et al.	4	9	7	8	6	1	5	12/18/1990	5
	Watanabe, et al.	4	9	8	8	5	0	5	01/29/1991	5
	Kavassalis, et al.	5	2	0	9	9	9	8	05/11/1993	5
	Abe, et al.	5	3	4	2	8	7	6	08/30/1994	5
	Law, et al.	5	3	9	7	6	6	7	03/14/1995	5
	Spencer, et al.	5	4	2	0	0	9	0	05/30/1995	5
	Spencer, et al.	5	4	8	7	9	3	8	01/30/1996	5
	El-Shall, et al.	5	5	8	0	6	5	5	12/03/1996	5
	Matijevic, et al.	5	8	7	1	8	7	2	02/16/1999	5
	Abe, et al.	5	9	8	9	5	1	0	11/23/1999	5
	Spencer, et al.	6	1	7	2	1	7	3	01/09/2001	5
	Weinstrauch	6	1	7	7	6	0	8	01/23/2001	5
	Law, et al.	6	1	9	0	8	1	4	02/20/2001	5
	Oldenburg, et al.	6	3	4	4	2	7	2	02/05/2002	5
	Hoshino, et al.	6	3	5	8	5	3	7	03/19/2002	5
	Wellinghoff, et al.	6	4	1	0	7	6	5	06/25/2002	5
	Bosch, et al.	6	4	2	8	8	1	4	08/06/2002	5
	Wu, et al.	6	4	6	7	8	9	7	10/22/2002	5
	Tan, et al.	6	5	4	8	2	6	4	04/15/2003	5
	Raymond, et al.	6	5	7	8	5	2	1	06/17/2003	5

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER							PUBLICATION DATE	COPY NOTE
	Kolb, et al.	0	1	2	8	3	3	6	09/12/2002	5

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		Filing Date: October 16, 2003 Confirmation No: 9987	Group Art Unit: 1616

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	TRANSLATION			COPY NOTE
				YES	NO	N/A	
A	EP	0 3 4 8 9 7 8 A2	01/03/1990			X	
	EP	0 4 8 3 5 0 0 A1	05/06/1992			X	
	EP	0 5 1 0 6 1 9 A1	10/28/1992			X	
	WO	8 9 0 2 6 9 8 A1	04/06/1989			X	
	WO	9 1 1 2 0 2 9 A1	08/22/1991			X	
	WO	9 1 1 2 0 3 0 A1	08/22/1991			X	
	WO	9 1 1 1 9 7 7 A1	08/22/1991			X	
	WO	9 6 1 9 3 4 6 A2 & A3	06/27/1996			X	

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EXAMINER INITIALS	OTHER DOCUMENTS			COPY NOTE
	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication			
A	Article – <i>Adsorption of Dyes on Nanosize Modified Silica Particles</i> , Guangwei Wu, Athanasia Koliadima, Yie-Shein Her, and Egon Matijevic, Journal of Colloid and Interface Sciences, Vol. 195, 1997, pp. 222-228			
	Article – <i>Adsorption of Proteins and Antibiotics on Porous Alumina Membranes</i> , Yi Hua Ma, Aseem Bansal, and William M. Clark, Fundamentals of Adsorption, Vol. 80, 1992, pp. 389-396			
	Product Information Sheet for Snowtex®, 6 pages, 2003			
	Article – <i>Significance of Ammonia in the Genesis of Gastric Epithelial Lesions Induced by Helicobacter pylori: An in vitro Study with Different Bacterial Strains and Urea Concentrations</i> , P. Sommi, V. Ricci, R. Fiocca, M. Romano, K.J. Ivey, E. Cova, E. Solcia, and U. Ventura, Digestion, Vol. 57, 1996, pp. 299-304			
	Article – <i>Ammonia vapour in the mouth as a diagnostic marker for Helicobacter pylori infection: preliminary "proof of principle" pharmacological investigations</i> , C. D. R. Dunn, M. Black, D. C. Cowell, C. Penault, N. M. Ratcliffe, R. Spence, and C. Teare, British Journal of Biomedical Science, Vol. 58, 2001, pp. 66-76			

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		Article – <i>Purification and Characterization of Urease from Helicobacter pylori</i> , Bruce E. Dunn, Gail P. Campbell, Guillermo I. Perez-Perez, and Martin J. Blaser, <i>The Journal of Biological Chemistry</i> , Vol. 265, No. 16, June 5, 1990, pp. 9464-9460		
		Article – <i>Validation of ¹³C-Urea Breath Test for the Diagnosis of Helicobacter Pylori Infection in the Singapore Population</i> , T. S. Chua, K. M. Fock, E. K. Teo, T. M. Ng, <i>Singapore Medical Journal</i> , Vol. 43, No. 8, 2002, pp. 408-411		
		Article – <i>Significance of ammonia produced by Helicobacter pylori</i> , Shigeji Ito, Yoshihiro Kohli, Takuji Kato, Yoshimichi Abe, and Takashi Ueda, <i>European Journal of Gastroenterology & Hepatology</i> , Vol. 6, No. 2, 1994, pp. 167-174		
		Article – <i>Spectrophotometric Assay of Thiols</i> , Peter C. Jocelyn, <i>Methods in Enzymology</i> , Vol. 142, 1987, pp. 44-67		
EXAMINER	<i>NCSSS</i>	DATE CONSIDERED	<i>9/17/07</i>	
Examiner:	initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.			

List of Patents and Publications for Information Disclosure Statement

Applicant(s): J.G. MacDonald et al
 Serial No.: 10/687,270
 Filed: October 16, 2003

Docket 18971
 Group:
 Examiner:



U.S. PATENT DOCUMENTS						
Initials		Doc. No.	Date	Name	Class	Subclas
	A1	Re. 32,649	4/1988	Brandt et al.		
	A2	2,015,864	10/1935	Müller et al.		
	A3	2,593,146	4/1952	Howard		
	A4	3,266,973	8/1966	Crowley		
	A5	3,338,992	8/1967	Kinney		
	A6	3,341,394	9/1967	Kinney		
	A7	3,381,688	5/1968	Satas		
	A8	3,494,821	2/1970	Evans		
	A9	3,502,538	3/1970	Petersen		
	A10	3,502,763	3/1970	Hartmann		
	A11	3,542,615	11/1970	Dobo et al.		
	A12	3,692,618	9/1972	Dorschner et al.		
	A13	3,802,817	4/1974	Matsuki et al.		
	A14	3,849,241	11/1974	Butin et al.		
	A15	3,919,437	11/1975	Brown et al.		
	A16	3,971,665	7/1976	Suzuki et al.		
	A17	4,006,030	2/1977	Yoshida et al.		
	A18	4,041,203	8/1977	Brock et al.		
	A19	4,078,029	3/1978	Yoshida et al.		
	A20	4,100,324	7/1978	Anderson et al.		
	A21	4,101,638	7/1978	Inoue et al.		
	A22	4,144,370	3/1979	Boulton		
	A23	4,172,781	10/1979	Walk et al.		
	A24	4,313,820	2/1982	Farha, Jr. et al.		
	A25	4,340,563	7/1982	Appel et al.		
	A26	4,375,448	3/1983	Appel et al.		
	A27	4,467,012	8/1984	Pedersen et al.		
	A28	4,469,746	9/1984	Weisman et al.		
	A29	4,488,969	12/1984	Hou		
	A30	4,494,278	1/1985	Kroyer et al.		
	A31	4,494,629	1/1985	Raeburn		
	A32	4,517,308	5/1985	Ehlenz et al.		
	A33	4,522,203	6/1985	Mays		
	A34	4,525,410	6/1985	Hagiwara et al.		
	A35	4,575,556	3/1986	Byrne et al.		



List of Patents and Publications for Information Disclosure Statement

Applicant(s): J.G. MacDonald et al. Docket 18971
 Serial No.: 10/687,270 Group:
 Filed: October 16, 2003 Examiner:

A36	4,604,313	8/1986	McFarland et al.	
A37	4,640,810	2/1987	Laursen et al.	
A38	4,643,801	2/1987	Johnson	
A39	4,655,757	4/1987	McFarland et al.	
A40	4,701,218	10/1987	Barker et al.	
A41	4,715,983	12/1987	Ota et al.	
A42	4,725,415	2/1988	Kidd	
A43	4,734,324	3/1988	Hill	
A44	4,775,585	10/1988	Hagiwara et al.	
A45	4,780,448	10/1988	Broecker et al.	
A46	4,781,858	11/1988	Mizukami et al.	
A47	4,783,220	11/1988	Gamble et al.	
A48	4,798,603	1/1989	Meyer et al.	
A49	4,802,473	2/1989	Hubbard et al.	
A50	4,818,464	4/1989	Lau	
A51	4,823,404	4/1989	Morell et al.	
A52	4,904,304	2/1990	Watanabe et al.	
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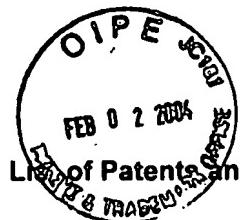
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

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